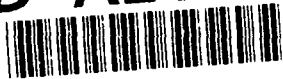


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TRI-SERVICE CHAMPUS STATISTICAL  
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DETAILED ANALYSIS OF CHAMPUS  
PER CAPITA MENTAL HEALTH EXPENDITURES  
FOR BENEFICIARIES LESS THAN AGE EIGHTEEN,  
HEALTH SERVICES COMMAND CATCHMENT AREAS  
FISCAL YEARS 1988-1991

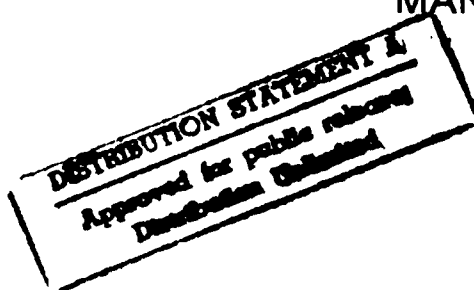
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APRIL 1992

UNITED STATES ARMY  
HEALTH SERVICES COMMAND  
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92-09437  
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Form Approved  
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1a. REPORT SECURITY CLASSIFICATION <b>Unclassified</b>			1b. RESTRICTIVE MARKINGS		
2a. SECURITY CLASSIFICATION AUTHORITY			3. DISTRIBUTION / AVAILABILITY OF REPORT  <b>Approved for Public Release: Distribution Unlimited</b>		
2b. DECLASSIFICATION / DOWNGRADING SCHEDULE					
4. PERFORMING ORGANIZATION REPORT NUMBER(S)  <b>RP92-006</b>			5. MONITORING ORGANIZATION REPORT NUMBER(S)		
6a. NAME OF PERFORMING ORGANIZATION <b>Health Care Studies and Clinical Investigation</b>		6b. OFFICE SYMBOL (If applicable) <b>Acty HSHN-A</b>	7a. NAME OF MONITORING ORGANIZATION  <b>HQ HSC/HSCL-M</b>		
6c. ADDRESS (City, State, and ZIP Code)  <b>Bldg 2268 Fort Sam Houston, TX 78234-6060</b>			7b. ADDRESS (City, State, and ZIP Code)  <b>Fort Sam Houston, TX 78234-6060</b>		
8a. NAME OF FUNDING / SPONSORING ORGANIZATION <b>HQDA (DASG-RMZ)</b>		8b. OFFICE SYMBOL (If applicable)	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER		
8c. ADDRESS (City, State, and ZIP Code)  <b>5111 Leesburg Pike Falls Church, VA 22041-3258</b>			10. SOURCE OF FUNDING NUMBERS		
			PROGRAM ELEMENT NO.	PROJECT NO.	TASK NO.
			WORK UNIT ACCESSION NO.		
11. TITLE (Include Security Classification) (U) Detailed Analysis of CHAMPUS Per Capita Expenditures for Beneficiaries Less Than Age Eighteen, Health Services Command Catchment Areas, Fiscal Years 1988-1991					
12. PERSONAL AUTHOR(S)  <b>Dr. Scott A. Optenberg, Catherine R. Stein, M.S.</b>					
13a. TYPE OF REPORT  <b>Final</b>		13b. TIME COVERED FROM <b>Oct 89</b> TO <b>Sep 91</b>		14. DATE OF REPORT (Year, Month, Day) <b>1992 April 1</b>	
				15. PAGE COUNT <b>15</b>	
16. SUPPLEMENTARY NOTATION					
17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)		
FIELD	GROUP	SUB-GROUP	<b>Per Capita Expenditures; Managed Care; Psychiatric Costs; Catchment Area Management</b>		
19. ABSTRACT (Continue on reverse if necessary and identify by block number)					
<p>This is an Executive Summary of selected results of #RP92-007, a longitudinal examination (FY 1988-1991) of CHAMPUS mental health per capita expenditures, for eligible beneficiaries less than 18 years, in all Health Services Command catchment areas. A psychiatric demonstration project to these eligible beneficiaries in the Fort Bragg catchment area is analyzed in detail. Executive Summary updates and expands an earlier analysis (#CR91-003) where the mental health per capita expenditures for eligible beneficiaries under age 18 at Fort Bragg were compared to only two other catchment areas, Fort Stewart and Fort Campbell, for a shorter period.</p>					
20. DISTRIBUTION / AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION <b>Unclassified</b>		
2a. NAME OF RESPONSIBLE INDIVIDUAL <b>Dr. Scott A. Optenberg, C, HCAD</b>			22b. TELEPHONE (Include Area Code) <b>(512) 221-1880</b>		22c. OFFICE SYMBOL <b>HSHN-A</b>

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**DETAILED ANALYSIS OF CHAMPUS  
PER CAPITA EXPENDITURES  
FOR BENEFICIARIES LESS THAN AGE EIGHTEEN  
HEALTH SERVICES COMMAND CATCHMENT AREAS  
FISCAL YEARS 1988-1991**

**EXECUTIVE SUMMARY**

**Introduction:** This Executive Summary presents a synopsis of results of #RP92-007 of a longitudinal examination of CHAMPUS mental health per capita expenditures for eligible beneficiaries less than 18 years in all Health Services Command catchment areas. In August 1989 the Army Medical Department contracted with the state of North Carolina to provide all mental health services to these eligible beneficiaries in the Fort Bragg catchment area. This Executive Summary and #RP92-007 updates and expands an earlier analysis (#CR91-003) where the mental health per capita expenditures for eligible beneficiaries under age 18 managed through the demonstration project at Fort Bragg were compared to two other catchment areas, Forts Stewart and Campbell. This study updated the date of care study period to October 1987 through September 1991 expanding the period of analysis by eight months over technical report #CR91-003. All claims paid for eligible beneficiaries were retrieved through December 1991 to adjust for care date to claim payment date time lag.

The effect of this demonstration project on the Ft. Bragg catchment area eligible beneficiary per capita costs, Ft. Bragg catchment area's relative ranking to other catchment areas, and the comparative rate of increase in government per capita expenditures were examined in detail through comparison to all other Health Services Command catchment areas. The source of all population data was the Defense Management Information System (DMIS) RAPS population module. All CHAMPUS data were derived from the Tri-Service CHAMPUS Statistical Database (TCSDB), and clinical services and program overhead funds provided to State of North Carolina for the Fort Bragg demonstration project were abstracted from Health Services Command Office of Central Contracting data files. Funds provided through North Carolina to Vanderbilt University for program evaluation were subtracted prior to use. Prior to analysis, fiscal intermediary claims were adjusted upward to account for the fiscal intermediary claims processing overhead charges. Following these adjustments, monthly mental health government expenditures were divided by the eligible beneficiary population within each catchment area and longitudinal trends were examined. For a complete technical presentation of the study, including detailed graphical and sensitivity analysis for both per capita expenditures and utilization, consult report #RP92-007.

**Results:** In the period prior to the demonstration project at Fort Bragg (87/10-89/07), Health Services Command average mental health per capita expenditures for eligible beneficiaries under age 18 ranged from \$3.76K (Fort Ord) - \$42.63K (Brooke AMC) per 1000 beneficiaries. Fort Bragg averaged \$9.43K/1000 beneficiaries (Table

1, p. 3). Fort Bragg ranked in the bottom third (27 out of 37) of all Health Services Command catchment areas in per capita average cost.

In September 1989, the approximate time of the onset of the demonstration project, Fort Bragg's per capita expenditures had risen slightly to \$12.94K/1000 beneficiaries (rank: 21 of 37) (Table 2, p. 4). In September 1990, midway into the demonstration project, per capita expenditures had increased to \$23.44K/1000 beneficiaries (rank: 9 of 37). In September 1991, the end of the analysis period of this report, expenditures increased to \$37.03K/1000 beneficiaries and Fort Bragg ranked second out of 37 catchment areas in monthly expenditures per eligible beneficiaries. Brooke AMC demonstrated the highest rate of expenditures in all three periods.

In Table 5 (p. 7) are listed the rates of increase/decrease per month in per capita costs for all catchment areas. These rates were derived from the regression analysis itemized in Tables 3 and 4 (pp. 5-6). Prior to the demonstration project, 26 out of 37 Health Services Command catchment areas demonstrated a positive monthly rate of increase in per capita expenditures. Although Fort Bragg also demonstrated a \$139/1000 beneficiaries monthly rate of increase, Fort Bragg ranked only 23 out of 37 catchment areas in magnitude of monthly increase, indicating the monthly rate of increase was modest. By midway through the demonstration project only 11 catchment areas continued to exhibit a positive monthly rate of increase and Fort Bragg ranked first with a monthly rate of increase computed at \$1,005/1000 beneficiaries. By the end of the analysis period this monthly rate of increase at Fort Bragg had further accelerated to \$1,437/1000 beneficiaries.

When comparing the pre and post-demonstration periods only three of 37 Health Services Command catchment areas demonstrated a pre to post-demonstration net growth in monthly rate of per capita expenditures. In seven catchment areas the rate had remained constant and in five areas there was no trend at all. In all of the other 22 catchment areas either the positive rate had decreased or the rate had actually reversed (i.e., the positive rate of growth had become negative). The three catchment areas which showed a percent change increase were Fort Bragg (623%), U.S. Military Academy (127%), and Fort Eustis (92%). Although Brooke AMC had demonstrated the highest monthly rate of increase during the pre-demonstration period, by the mid-point of the demonstration project period, this rate of expenditure growth had decreased 91%.

Summary: When compared to all other 36 Health Services Command catchment areas, Fort Bragg exhibited a dramatically greater pre to post-demonstration period growth in per capita monthly expenditure increase. The 623% rate of increase at Fort Bragg was 4.9 times greater than the next highest catchment area (127% at the U.S. Military Academy). Prior to the demonstration project, Fort Bragg catchment area ranked only 27 out of 37 catchment areas in average per capita expenditures. By the end of the analysis period (91/09), Fort Bragg ranked second out of 37 catchment areas. Although Brooke AMC ranked first, the rate of increase decreased markedly.

TABLE 1  
GOVERNMENT PSYCHIATRIC COSTS  
AVERAGE MONTHLY COST  
PER 1000 ELIGIBLE BENEFICIARIES L.T. 18 YEARS  
PRE-DEMO PERIOD (87/10 - 89/07)  
HEALTH SERVICES COMMAND CATCHMENT AREAS

CATCHMENT AREA	AVG COST (000's)	RANK (N=37)	MINIMUM (000's)	MAXIMUM (000's)
FOX AH REDSTONE ARSENAL	11.95	23	1.49	26.87
NOBLE AH FT MCCLELLAN	12.42	21	5.66	17.57
LYSTER AH FT RUCKER	12.04	22	2.86	25.55
BASSETT AH FT MAINWRIGHT	5.81	34	0.30	14.30
BLISS AH FT HUACHUCA	23.28	4	12.43	48.99
LETTERMAN AMC	11.43	24	3.67	23.21
HAYS AH FT ORD	3.76	37	0.57	6.95
FITZSIMONS AMC	19.71	9	9.06	39.05
USA HOSP FT CARSON	19.13	10	10.82	25.11
WALTER REED AMC	15.24	15	3.23	36.14
EISENHOWER AMC FT GORDON	18.38	12	9.57	25.96
MARTIN AH FT BENNING	8.88	28	5.36	12.45
USA HOSP FT STEWART	14.83	18	8.61	23.57
TRIPLER AMC	14.91	17	6.59	23.02
IRWIN AH FT RILEY	16.64	13	8.41	27.23
MUNSON AH FT LEAVENWORTH	20.54	8	7.53	39.90
BLANCHFIELD AH FT CAMPBELL	18.49	11	10.22	25.56
IRELAND AH FT KNOX	14.10	19	8.97	21.14
USA HOSP FT POLK	9.70	25	2.02	21.07
KIMBROUGH AH FT MEADE	13.48	20	6.34	17.82
CUTLER AH FT DEVENS	9.65	26	3.95	21.81
WOOD AH FT LEONARD WOOD	22.08	5	11.09	38.63
PATTERSON AH FT MONMOUTH	8.13	30	0.98	27.76
WALSON AH FT DIX	7.04	32	1.12	11.27
KELLER AH US MILITARY ACAD	7.67	31	1.07	23.48
WOMACK AH FT BRAGG	9.43	27	6.65	13.27
REYNOLDS AH FT SILL	21.78	6	11.03	33.85
MONCRIEF AH FT JACKSON	5.74	35	1.22	17.95
BEAUMONT AMC FT BLISS	16.26	14	6.45	31.21
BROOKE AMC FT SAN HOUSTON	42.63	1	17.36	65.05
DARNALL AH FT HOOD	27.43	3	13.93	39.17
MCDONALD AH FT EUSTIS	15.15	16	9.25	22.18
KENNER AH FT LEE	27.76	2	15.27	40.78
DEWITT AH FT BELVOIR	20.80	7	10.07	35.12
MADIGAN AMC FT LEWIS	4.05	36	0.75	7.22
WEED AH FT IRWIN	8.29	29	0.37	22.14
HAWLEY AH FT BENJAMIN HARRISON	6.89	33	1.21	13.52



TABLE 2  
GOVERNMENT PSYCHIATRIC MONTHLY COSTS  
PER 1000 ELIGIBLE BENEFICIARIES L.T. 18 YEARS  
89/09, 90/09, 91/09 RANKINGS OF POST-DEMO PERIOD  
HEALTH SERVICES COMMAND CATCHMENT AREAS

CATCHMENT AREA	89/09 (000's)	RANK (N=37)	90/09 (000's)	RANK (N=37)	91/09 (000's)	RANK
FOX AH REDSTONE ARSENAL	15.58	10	5.54	32	11.62	13
NOBLE AH FT MCCLELLAN	13.93	14	6.65	29	7.22	24
LYSTER AH FT RUCKER	9.74	24	8.52	26	9.49	18
BASSETT AH FT WAINWRIGHT	6.03	32	4.72	35	1.28	34
BLISS AH FT HUACHUCA	22.30	5	32.15	5	24.01	5
LETTERMAN AMC	8.84	25	8.71	25	6.24	27
HAYS AH FT ORD	3.30	37	3.49	36	1.08	35
FITZSIMONS AMC	13.83	15	36.50	2	11.06	16
USA HOSP FT CARSON	13.26	19	13.64	12	12.51	11
WALTER REED AMC	13.41	18	7.66	27	4.34	30
EISENHOWER AMC FT GORDON	23.89	4	30.43	6	16.49	7
MARTIN AH FT BENNING	8.59	29	13.25	15	7.91	22
USA HOSP FT STEWART	12.66	22	13.97	10	9.27	20
TRIPLER AMC	13.61	16	12.12	19	3.55	32
IRWIN AH FT RILEY	14.09	13	13.52	13	11.84	12
MUNSON AH FT LEAVENWORTH	19.06	7	14.48	14	13.47	10
BLANCHFIELD AH FT CAMPBELL	18.32	8	13.66	11	7.49	23
IRELAND AH FT KNOX	16.26	9	12.93	17	11.15	14
USA HOSP FT POLK	15.58	10	12.12	19	9.34	19
KIMBROUGH AH FT MEADE	13.59	17	10.85	23	7.05	25
CUTLER AH FT DEVENS	7.66	28	7.15	28	5.33	29
WOOD AH FT LEONARD WOOD	15.43	12	24.73	8	25.93	4
PATTERSON AH FT MONMOUTH	5.14	33	5.84	30	0.94	36
WALSON AH FT DIX	4.96	34	2.73	37	5.62	38
KELLER AH US MILITARY ACAD	4.44	35	8.89	24	6.93	26
WOMACK AH FT BRAGG <sup>a</sup>	12.94	21	23.44	9	37.03	2
REYNOLDS AH FT SILL	12.98	20	13.22	16	14.10	9
MONCRIEF AH FT JACKSON	8.26	26	5.02	34	4.09	31
BEAUMONT AMC FT BLISS	21.54	6	27.11	7	20.86	6
BROOKE AMC FT SAM HOUSTON	48.44	1	44.08	1	58.50	1
DARNALL AH FT HOOD	30.48	2	36.02	3	32.94	3
MCDONALD AH FT EUSTIS	6.82	31	11.60	22	8.05	21
KENNER AH FT LEE	24.96	3	35.24	4	16.37	8
DEWITT AH FT BELVOIR	11.16	23	12.80	18	10.42	15
MADIGAN AMC FT LEWIS	3.51	36	5.68	31	2.80	33
WEED AH FT IRWIN	8.67	37	5.17	33	.24	37
HAWLEY AH FT BENJAMIN HARRISON	7.07	30	11.86	21	10.18	17

Notes:

<sup>a</sup>Excludes additional \$1.57 million (8911-9109) to Vanderbilt University for demonstration project evaluation and \$61,723 to USA HCSCIA for data preparation/transfer.

TABLE 3  
GOVERNMENT PSYCHIATRIC COSTS  
PER ELIGIBLE BENEFICIARY L.T. 18 YEARS  
BASED ON DATE OF CARE<sup>a</sup>  
FY 1988 THROUGH FY 1991 BY MONTH/YEAR  
HEALTH SERVICES COMMAND CATCHMENT AREAS

REGRESSION RESULTS  
LINEAR MODEL

CATCHMENT AREA	N (MONTHS)	INTERCEPT	DATE	R <sup>2</sup>	P VALUE
FOX AH REDSTONE ARSENAL	48	-43.28	0.0052	0.10	0.0188*
NOBLE AH FT MCCLELLAN	48	3.56	0.0008	-0.02	0.5820
LYSTER AH FT RUCKER	48	-13.63	0.0025	0.01	0.2375
BASSETT AH FT MAINWRIGHT	48	17.49	-0.0011	-0.003	0.3521
BLISS AH FT HUACHUCA	48	-108.99	0.0126	0.39	0.0001*
LETTERMAN AMC	48	86.78	-0.0072	0.40	0.0001*
HAYS AH FT ORD	48	26.24	-0.0022	0.27	0.0001*
FITZSIMONS AMC	48	-89.49	0.0106	0.16	0.0028*
USA HOSP FT CARSON	48	69.69	-0.0048	0.19	0.0011*
WALTER REED AMC	48	47.66	-0.0033	0.02	0.1750
EISENHOWER AMC FT GORDON	48	-37.99	0.0055	0.09	0.0212*
MARTIN AH FT BENNING	48	-58.80	0.0065	0.37	0.0001*
USA HOSP FT STEWART	48	-40.18	0.0052	0.17	0.0023*
TRIPLER AMC	48	54.26	-0.0037	0.11	0.0107*
IRWIN AH FT RILEY	48	-27.64	0.0042	0.10	0.0151*
MUNSON AH FT LEAVENWORTH	48	9.22	0.0011	-0.02	0.7051
BLANCHFIELD AH FT CAMPBELL	48	53.16	-0.0033	0.07	0.0398*
IRELAND AH FT KNOX	48	-0.16	0.0014	0.01	0.1994
USA HOSP FT POLK	48	-18.76	0.0027	0.04	0.0861*
KIMBROUGH AH FT MEADE	48	31.39	-0.0017	0.03	0.1233
CUTLER AH FT DEVENS	48	5.48	0.0003	-0.02	0.8163
WOOD AH FT LEONARD WOOD	48	-41.60	0.0061	0.17	0.0023*
PATTERSON AH FT MONMOUTH	48	20.57	-0.0013	-0.01	0.5081
WALSON AH FT DIX	48	-1.11	0.0008	-0.01	0.4750
KELLER AH US MILITARY ACAD	48	42.92	-0.0034	0.10	0.0171*
WOMACK AH FT BRAGG <sup>b</sup>	48	-195.98	0.0196	0.73	0.0001*
REYNOLDS AH FT SILL	48	62.26	-0.0039	0.08	0.0279*
MONCRIEF AH FT JACKSON	48	-16.29	0.0021	0.04	0.0831*
BEAUMONT AMC FT BLISS	48	-134.64	0.0145	0.50	0.0001*
BROOKE AMC FT SAM HOUSTON	48	-197.28	0.0229	0.39	0.0001*
DARNALL AH FT HOOD	48	-166.27	0.0185	0.59	0.0001*
MCDONALD AH FT EUSTIS	48	81.87	-0.0064	0.41	0.0001*
KENNER AH FT LEE	48	51.38	-0.0023	0.001	0.3110
DEWITT AH FT BELVOIR	48	144.44	-0.0118	0.50	0.0001*
MADIGAN AMC FT LEWIS	48	-19.52	0.0023	0.30	0.0001*
WEED AH FT IRWIN	48	37.67	-0.0028	0.01	0.2055
HAWLEY AH FT BENJAMIN HARRISON	48	-31.84	0.0037	0.15	0.0042*

Notes:

<sup>a</sup>Study dates of care were from 8710-9109. All claims with a payment date of 8710-9112 were extracted and included in study to account for care date-payment date lag time.

\* = Significant at Prob. l.e. .10.

<sup>b</sup>Excludes additional \$1.57 million (8911-9109) to Vanderbilt University for demonstration project evaluation and \$61,723 to USA HCSCIA for data preparation/transfer.

TABLE 4  
GOVERNMENT PSYCHIATRIC COSTS  
PER ELIGIBLE BENEFICIARY L.T. 18 YEARS  
BASED ON DATE OF CARE<sup>a</sup>  
FY 1988 THROUGH FY 1991 BY MONTH/YEAR  
HEALTH SERVICES COMMAND CATCHMENT AREAS

REGRESSION RESULTS NON-LINEAR MODEL						
CATCHMENT AREA	N	INTERCEPT	DATE	(DATE) <sup>2</sup>	R <sup>2</sup>	P VALUE
	(MONTHS)					
FOX AH REDSTONE ARSENAL	48	-698.21	0.1261	-0.0000056	0.09	0.0407*
NOBLE AH FT MCCLELLAN	48	-1055.35	0.1963	-0.0000090	0.08	0.0606*
LYSTER AH FT RUCKER	48	-1789.45	0.3303	-0.0000151	0.15	0.0098*
BASSETT AH FT WAINWRIGHT	48	-1334.94	0.2485	-0.0000115	0.27	0.0003*
BLISS AH FT HUACHUCA	48	-1829.65	0.3303	-0.0000146	0.45	0.0001*
LETTERMAN AMC	48	255.31	-0.0383	0.0000014	0.39	0.0001*
HAYS AH FT ORD	48	-204.45	0.0404	-0.0000020	0.29	0.0002*
FITZSIMONS AMC	48	-4005.20	0.7335	-0.0000333	0.40	0.0001*
USA HOSP FT CARSON	48	546.21	-0.0928	0.0000041	0.20	0.0028*
WALTER REED AMC	48	-2328.84	0.4354	-0.0000202	0.22	0.0014*
EISENHOWER AMC FT GORDON	48	-2271.65	0.4178	-0.0000190	0.27	0.0004*
MARTIN AH FT BENNING	48	-886.19	0.1592	-0.0000070	0.42	0.0001*
USA HOSP FT STEWART	48	-333.12	0.0593	-0.0000025	0.16	0.0085*
TRIPLER AMC	48	-1996.29	0.3748	-0.0000174	0.53	0.0001*
IRWIN AH FT RILEY	48	-1226.43	0.2255	-0.0000102	0.19	0.0033*
MUNSON AH FT LEAVENWORTH	48	-3643.34	0.6754	-0.0000311	0.34	0.0001*
BLANCHFIELD AH FT CAMPBELL	48	-2341.71	0.4388	-0.0000204	0.56	0.0001*
IRELAND AH FT KNOX	48	-428.78	0.0805	-0.0000036	0.03	0.1955
USA HOSP FT POLK	48	-2326.17	0.4287	-0.0000196	0.50	0.0001*
KIMBROUGH AH FT MEADE	48	-865.10	0.1638	-0.0000076	0.16	0.0071*
CUTLER AH FT DEVENS	48	-288.51	0.0546	-0.0000025	-0.03	0.7639
WOOD AH FT LEONARD WOOD	48	56.76	-0.0121	-0.0000008	0.15	0.0101*
PATTERSON AH FT MONMOUTH	48	-2117.37	0.3934	-0.0000182	0.25	0.0006*
WALSON AH FT DIX	48	-294.98	0.0550	-0.0000025	-0.01	0.5189
KELLER AH US MILITARY ACAD	48	1142.32	-0.2064	0.0000094	0.21	0.0018*
WOMACK AH FT BRAGG <sup>b</sup>	48	2052.53	-0.3955	0.0000191	0.82	0.0001*
REYNOLDS AH FT SILL	48	-964.42	0.1856	-0.0000087	0.13	0.0147*
MONCRIEF AH FT JACKSON	48	-1204.49	0.2215	-0.0000101	0.24	0.0008*
BEAUMONT AMC FT BLISS	48	-1377.05	0.2439	-0.0000106	0.53	0.0001*
BROOKE AMC FT SAM HOUSTON	48	-3543.71	0.6406	-0.0000285	0.47	0.0001*
DARNALL AH FT HOOD	48	-2033.22	0.3632	-0.0000159	0.65	0.0001*
MCDONALD AH FT EUSTIS	48	1024.86	-0.1805	0.0000080	0.49	0.0001*
KENNER AH FT LEE	48	-986.89	0.1893	-0.0000088	0.03	0.2089
DEWITT AH FT BELVOIR	48	2043.01	-0.3623	0.0000162	0.64	0.0001*
MADIGAN AMC FT LEWIS	48	-505.60	0.0920	-0.0000041	0.45	0.0001*
WEED AH FT IRWIN	48	696.97	-0.1245	0.0000056	0.01	0.2858
HAWLEY AH FT BENJAMIN HARRISON	48	-114.72	0.0190	-0.0000007	0.13	0.0171*

Notes:

<sup>a</sup>Study dates of care were from 8710-9109. All claims with a payment date of 8710-9112 were extracted and included in study to account for care date-payment date lag time.

\* = Significant at Prob. l.e. .10.

<sup>b</sup>Excludes additional \$1.57 million (8911-9109) to Vanderbilt University for demonstration project evaluation and \$61,723 to USA HCSCIA for data preparation/transfer.

TABLE 5  
RATE OF INCREASE/DECREASE PER MONTH  
OF GOVERNMENT PSYCHIATRIC COSTS  
HEALTH SERVICES COMMAND CATCHMENT AREAS

(\$ PER 1000 ELIGIBLE BENEFICIARIES L.T. 18 YEARS)

CATCHMENT AREA	PRE-DEMO <sup>a</sup> (≤ 8907)		POST DEMO <sup>a</sup> (> 8907)		PRE->POST % CHANGE AT MID POINTS <sup>g</sup>
	MID POINT (8808-8809)	RANK (N=37)	MID POINT (9008-9009)	RANK (N=37)	
FOX AH REDSTONE ARSENAL	+ 162	22	+ 162	6	CONSTANT RATE <sup>c</sup>
NOBLE AH FT MCCLELLAN	+ 246	18	- 161	24	165% DECREASE <sup>d</sup>
LYSTER AH FT RUCKER	+ 448	9	- 236	28	153% DECREASE <sup>d</sup>
BASSETT AH FT MAINWRIGHT	+ 247	17	- 274	29	211% DECREASE <sup>d</sup>
BLISS AH FT HUACHUCA	+ 750	5	+ 88	10	89% DECREASE <sup>d</sup>
LETTERMAN AMC	- 223	34	- 223	26	CONSTANT RATE <sup>c</sup>
HAYS AH FT ORD	- 67	32	- 67	20	CONSTANT RATE <sup>c</sup>
FITZSIMONS AMC	+1145	2	- 362	32	132% DECREASE <sup>d</sup>
USA HOSP FT CARSON	- 150	33	- 150	23	CONSTANT RATE <sup>c</sup>
WALTER REED AMC	+ 394	12	- 522	35	232% DECREASE <sup>d</sup>
EISENHOWER AMC FT GORDON	+ 636	7	- 224	27	135% DECREASE <sup>d</sup>
MARTIN AH FT BENNING	+ 374	14	+ 55	11	85% DECREASE <sup>e</sup>
USA HOSP FT STEWART	+ 163	21	+ 163	5	CONSTANT RATE <sup>c</sup>
TRIPLER AMC	+ 312	16	- 478	34	253% DECREASE <sup>d</sup>
IRWIN AH FT RILEY	+ 379	13	- 83	21	122% DECREASE <sup>d</sup>
MUNSON AH FT LEAVENWORTH	+ 794	4	- 612	37	177% DECREASE <sup>d</sup>
BLANCHFIELD AH FT CAMPBELL	+ 398	11	- 524	36	232% DECREASE <sup>d</sup>
IRELAND AH FT KNOX	NO TREND	27	NO TREND	12	NO CHANGE <sup>b</sup>
USA HOSP FT POLK	+ 565	8	- 323	31	157% DECREASE <sup>d</sup>
KIMBROUGH AH FT MEADE	+ 134	24	- 211	25	257% DECREASE <sup>d</sup>
CUTLER AH FT DEVENS	NO TREND	27	NO TREND	12	NO CHANGE <sup>b</sup>
WOOD AH FT LEONARD WOOD	+ 188	19	+ 188	4	CONSTANT RATE <sup>c</sup>
PATTERSON AH FT MONMOUTH	+ 406	10	- 418	33	203% DECREASE <sup>d</sup>
WALSON AH FT DIX	NO TREND	27	NO TREND	12	NO CHANGE <sup>b</sup>
KELLER AH US MILITARY ACAD	- 334	35	+ 89 <sup>f</sup>	9	127% INCREASE <sup>d</sup>
WOMACK AH FT BRAGG <sup>e</sup>	+ 139	23	+1005 <sup>f</sup>	1	623% INCREASE <sup>d</sup>
REYNOLDS AH FT SILL	+ 92	26	- 304	30	430% DECREASE <sup>d</sup>
MONCRIEF AH FT JACKSON	+ 313	15	- 145	22	146% DECREASE <sup>d</sup>
BEAUMONT AMC FT BLISS	+ 709	6	+ 230	3	68% DECREASE <sup>d</sup>
BROOKE AMC FT SAM HOUSTON	+1406	1	+ 117	7	92% DECREASE <sup>d</sup>
DARNALL AH FT HOOD	+ 963	3	+ 244	2	75% DECREASE <sup>d</sup>
MCDONALD AH FT EUSTIS	- 396	36	- 33	19	92% INCREASE <sup>d</sup>
KENNER AH FT LEE	NO TREND	27	NO TREND	12	NO CHANGE <sup>b</sup>
DEWITT AH FT BELVOIR	- 762	37	- 31	18	96% DECREASE <sup>d</sup>
MADIGAN AMC FT LEWIS	+ 171	20	- 16	17	109% DECREASE <sup>d</sup>
WEED AH FT IRWIN	NO TREND	27	NO TREND	12	NO CHANGE <sup>b</sup>
HAWLEY AH FT BENJAMIN HARRISON	+ 116	25	+ 116	8	CONSTANT RATE <sup>c</sup>

Notes:

<sup>a</sup>Study dates of care were from 8710-9109. All claims with a payment date of 8710-9112 were extracted and included in study to account for care date-payment date lag time.

<sup>b</sup>No trend was exhibited: no model used.

<sup>c</sup>Data best fit was linear model.

<sup>d</sup>Data best fit was non-linear model.

In Pre-Demo period five catchment areas with no trend have rank 27.

In Post-Demo period five catchment areas with no trend have rank 12.

<sup>e</sup>Excludes additional \$1.57 million (8911-9109) to

Vanderbilt University for demonstration project evaluation and

\$61,723 to USA HCSCIA for data preparation/transfer.

<sup>f</sup>Ft. Bragg monthly rate of increase was \$1,437/1000 eligible beneficiaries at end of post-demonstration period (9109).

Facilities demonstrating a Pre to Post-Demo rate of change increase are highlighted.

<sup>g</sup>Represents the % of change from Pre-Demo Mid Point rate.

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